

Title (en)

DISASTER RELIEF ROBOT AND ITS OPERATION CONTROLLER

Title (de)

HILFSROBOTER FÜR KATASTROPHEN UND SEINE BETRIEBS-KONTROLLEINRICHTUNGEN

Title (fr)

ROBOT DE SECOURS EN CAS DE CATASTROPHE ET UNITE ASSOCIEE DE COMMANDE DES MANOEUVRES

Publication

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Application

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Abstract (en)

[origin: EP0541810A1] A disaster relief robot and its operation controller. When relief goods, medicines, foods, etc., are transported outdoors to the site of disasters such as earthquakes, heavy rainfalls, landslides, etc., at the time of a wide area disaster, the present invention can prevent accidents such as the drop from cliffs, etc., and can secure also safety of an operator. To this end, track frames (16) of a crawler are fitted pivotally to the right and left sides at both of the front and rear portions of a robot body (10). The distance (L) between the pivots of front and rear crawlers (12F, 12R) is such that the maximum loci (CF, CR) of the front and rear crawlers may not meet, and the centroid (G) of the robot body exists at the intermediate position of the distance (L). The present invention proposes also various kinds of operation controllers. <IMAGE>

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